



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
US ARMY CORPS OF ENGINEERS, SOUTH ATLANTIC DIVISION  
60 FORSYTH STREET SW, ROOM 10M15  
ATLANTA, GA 30303-8801

CESAD-RBT

19 December 2017

MEMORANDUM FOR COMMANDER, JACKSONVILLE DISTRICT

SUBJECT: Approval of Review Plan for the System Operating Manual Volume 2 Kissimmee River – Lake Istokpoga Basin

1. References:

a. Memorandum, CESAJ-OD-MW, 30 Nov 2017, subject: Request Approval of Review Plan for System Operating Manual (SOM) Volume 2 Kissimmee River – Lake Istokpoga Basin and supporting National Environmental Policy Act (NEPA) documentation. (Encl).

b. EC 1165-2-214, Civil Works Review, 15 December 2012.

2. The enclosed subject Review Plan (RP) submitted by the Jacksonville District via reference 1.a has been reviewed by this office and is hereby approved in accordance with reference 1.b above.

3. SAD concurs with the District determination that an Agency Technical Review (ATR) is needed on the replacement of the 1994 Kissimmee River –Lake Istokpoga Basin Master Water Control Manuals (MWCM) with the System Operating Manual (SOM) Volume 2 and the supporting National Environmental Act documentation. We also concur that neither a Type I nor a Type II Independent External Peer Review (IEPR) is required on the SOM Volume 2. We agree with the District Chief of Engineering that the failure or loss of this water operating criteria will not pose a significant threat to human life.

4. The District should take steps to post the RP to its web site and provide a link to CESAD-RBT. Before posting to the web site, the names of Corps/Army employees should be removed. Subsequent significant changes to this RP, such as scope or level of review changes, should they become necessary, will require new written approval from this office.

5. The SAD point of contact is [REDACTED].

Encl

[REDACTED]

[REDACTED]  
Brigadier General, USA  
Commanding

CF:

[REDACTED]



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

30 NOV 2017

CESAJ-OD-MW

MEMORANDUM FOR Commander, U.S. Army Corps of Engineers, South Atlantic Division, (CESAD-RBT), 60 Forsyth Street, SW, RM 10M15, Atlanta, GA 30303

SUBJECT: Request Approval of Review Plan for System Operating Manual (SOM) Volume 2 Kissimmee River – Lake Istokpoga Basin and supporting National Environmental Policy Act (NEPA) documentation.

1. Reference EC 1165-2-214, Civil Works Review, 15 December 2012, stipulates a risk-informed decision process to determine the document, implementation document, or other work product and the appropriate level of review for the document.
2. In accordance with Section 385.28(a) (1) of the Programmatic Regulations, the Comprehensive Everglades Restoration Project (CERP) SOM is to replace the existing C&SF Master Water Control Manuals (MWCMS). SOM Volume 2 will utilize information from the existing MWCM for the Kissimmee River - Lake Istokpoga Basin, as well as include all of the updates to the basin as a result of the Kissimmee River Restoration and Headwater Revitalization Project construction.
3. The Review Plan in Enclosure 1 includes an Agency Technical Review (ATR) of both the replacement of the 1994 Kissimmee River - Lake Istokpoga Basin MWCM with SOM Volume 2 and the accompanying NEPA documentation.
4. Point of contact is [REDACTED]

Encl

[REDACTED]  
Colonel, EN  
Commanding

# **REVIEW PLAN**

**For**

**The**

**System Operating Manual Volume 2**

**Kissimmee River – Istokpoga Basin**

**And**

**Supporting NEPA Documentation**

**(Osceola, Highlands & Okeechobee County, Florida)**

Jacksonville District

November 2017

THE INFORMATION CONTAINED IN THIS REVIEW PLAN IS DISTRIBUTED SOLELY FOR THE PURPOSE OF PREDISSEMINATION PEER REVIEW UNDER APPLICABLE INFORMATION QUALITY GUIDELINES. IT HAS NOT BEEN FORMALLY DISSEMINATED BY THE U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT. IT DOES NOT REPRESENT AND SHOULD NOT BE CONSTRUED TO REPRESENT ANY AGENCY DETERMINATION OR POLICY.



**US Army Corps  
of Engineers®**

# REVIEW PLAN

## Kissimmee River – Istokpoga Basin System Operating Manual And supporting NEPA Documentation

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## 1. PURPOSE AND REQUIREMENTS

**a. Purpose.** This Review Plan (RP) is to address the replacement of the currently utilized 1994 Master Water Control Manual for the Kissimmee River (MWCM) - Lake Istokpoga Basin (MWCM) with a System Operating Manual (SOM).

The replacement of the MWCM with a SOM is required under Section 385.28(b) (2) of the Programmatic Regulations. The Comprehensive Everglades Restoration Project (CERP) SOM will replace the existing C&SF MWCM. This will include all of the updates to the Kissimmee River and the Istokpoga Basins since 1994 to include both the Kissimmee River Headwaters Revitalization Project (HRP) and the Kissimmee River Restoration Final Integrated Feasibility Report and Environmental Impact Statement. The SOM, like the MWCM, will provide a system-wide plan for operating the Kissimmee River and Istokpoga Basins. The SOM will follow the procedures for the preparation of water control plans (WCP), regulation schedules, and MWCM for the Central and Southern Florida Flood Control Project.

Engineer Circular (EC) 1165-2-214, Civil Works Review, stipulates a risk-informed decision process to be used to determine if the document covered by this Review Plan is a U.S. Army Corps of Engineers (USACE) decision document, implementation document, or other work product, and the appropriate level of review for the documents.

### b. References.

- (1) Section 385.28(b)(2) of the Programmatic Regulations for the Comprehensive Everglades Restoration Plan
- (2) Engineer Circular (EC) 1165-2-214, Civil Works Review, 15 December 2012
- (3) Memorandum, CECW-CE, 2 July 2013, Subject: Policy Guidance Letter – Peer Review of Updates to Water Control Manuals
- (4) Engineering and Construction Bulletin 2016-9, Civil Works Review, 4 March 2016
- (5) Engineer Regulation (ER) 1110-2-240, Water Control Management, 8 October 1982
- (6) Engineer Manual (EM) 1110-2-3600 Management of Water Control Systems, 30 November 1987
- (7) ER 1110-2-8156, Preparation of Water Control Manuals, 31 August 1995(4) ER 1110-2-530 Flood Control Operations and Maintenance Policies, 30 October 1996
- (8) Engineer Technical Letter (ETL) 1110-2-362 Environmental Engineering Initiatives for Water Management, 31 July 1995
- (9) ER 1110-1-12, Quality Management, 30 September 2006
- (10) ER 1110-2-1941, Drought Contingency Plans, 15 September 1981

**c. Requirements.** This review plan was developed in accordance with EC 1165-2-214, which establishes an accountable, comprehensive, life-cycle review strategy for Civil Works products by providing a seamless process for review of all Civil Works projects from initial planning through design, construction, and Operation, Maintenance, Repair, Replacement and Rehabilitation (OMRR&R). The EC provides the review procedures for ensuring the quality and credibility of USACE decision, implementation, and operations and maintenance documents and

work products. The EC outlines three primary levels of review: District Quality Control, Agency Technical Review, and Independent External Peer Review.

- (1) **District Quality Control (DQC).** DQC is the review of basic science and engineering work products focused on fulfilling the project quality requirements defined in the Project Management Plan (PMP). It is managed in the home district and may be conducted by staff in the home district as long as they are not doing the work involved in the study, or overseeing contracted work that is being reviewed. Basic quality control tools include a Quality Management Plan providing for seamless review, quality checks and reviews, supervisory reviews, Project Delivery Team (PDT) reviews, etc. Additionally, the PDT is responsible for a complete reading of the report to assure the overall integrity of the report, technical appendices and the recommendations before approval by the District Commander. The Major Subordinate Command (MSC)/District quality management plans address the conduct and documentation of this fundamental level of review.
- (2) **Agency Technical Review (ATR).** ATR is an in-depth review, managed within USACE, and conducted by a qualified team outside of the home district that is not involved in the day-to-day production of the project/product. The purpose of this review is to ensure the proper application of clearly established criteria, regulations, laws, codes, principles and professional practices. The ATR team reviews the various work products and assures that all the parts fit together in a coherent whole. ATR teams will be comprised of senior USACE personnel [Regional Technical Specialists (RTS), etc.], and may be supplemented by outside experts as appropriate. To assure independence, the leader of the ATR team shall be from outside the parent MSC.
- (3) **Independent External Peer Review (IEPR).** IEPR is the most independent level of review, and is applied in cases that meet certain criteria where the risk and magnitude of the proposed project are such that a critical examination by a qualified team outside of USACE is warranted.

**d. Review Management Organization (RMO).** The South Atlantic Division (SAD) is designated as the RMO. The RMO is responsible for managing the ATR review activities described in this Review Plan.

## **2. PROJECT INFORMATION AND BACKGROUND**

Extending approximately 105 miles from Orlando to Lake Okeechobee, the Kissimmee River watershed forms the headwaters of Lake Okeechobee and the Everglades, and serves as a vital component of ecosystem restoration in South Florida as a whole. The 1991 Kissimmee River Restoration (KRR) Final Integrated Feasibility Report and Environmental Impact Statement (EIS) addressed restoration efforts in both the Upper Basin and Lower Basin of the Kissimmee River watershed, but focused mainly on the Lower Basin. Further analysis of the Upper Basin was included in the 1996 Kissimmee River Headwaters Revitalization Project (HRP) Integrated Project Modification Report and Supplement to the Final EIS. Together, the components outlined in the 1996 HRP Report and in the 1991 Report are known as the Kissimmee River Restoration Project (KRR Project). Although both projects were cited under WRDA 1992, the Headwaters

Project was previously approved under § 46 of WRDA 1988 while the KRR project was authorized under the § 101(8) of WRDA 1992 and both projects were combined based upon direction under WRDA 1992.

Congress directed that a single Project Cooperation Agreement (PCA) be executed for the Upper Basin and Lower Basin projects in advance of a completed and approved HRP Report. This direction came from the 1993 Conference Report, cited as House Report 103-305, which accompanied the Energy and Water Development Appropriations Act 1994 (Public Law 103-126).

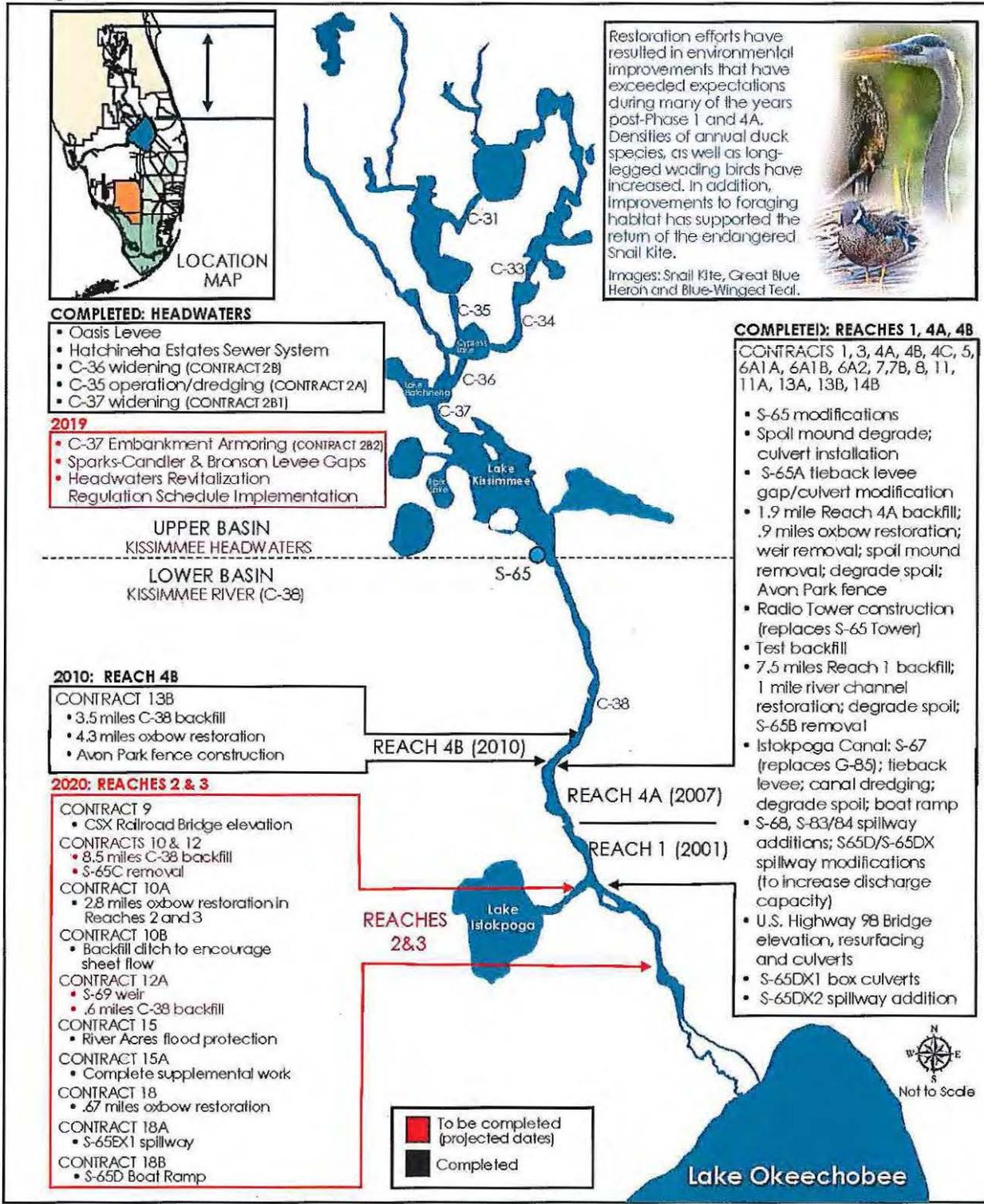
The goal of the KRR Project is to restore or significantly improve over 36,000 acres of wetlands located within 56.25 square miles of the Kissimmee River Basin in central Florida. The HRP would meet the following two hydrologic conditions: defunct

1. The re-establishment of continuous flow with duration and variability characteristics comparable to pre-channelization records.
2. Re-establishment of stage hydrographs that result in floodplain inundation frequencies comparable to pre-channelization hydro-periods, including seasonal and long-term variability characteristics while providing both greater and more natural fluctuations of water levels in the upper basin lakes, expanding the existing littoral marsh habitats.

In the Lower Basin, the restoration effort begins at the outlet of Lake Kissimmee and extends south to Structures 65E (S-65E) and 65EX1 (S-65EX1).

Much of the content from the current 1994 MWCM will be updated to include changes to the Kissimmee River and Istokpoga Basins as a result of the construction and implementation of the KRR Project. On September 20, 2016, the updated WCP for S-67, S-67X, S-68X, S-83X, S-84X, S-65C, S-65D, S-65DX1, S-65DX2, and S-65EX1 was approved by South Atlantic Division Office. The updated WCP, as well as changes that have occurred since September 20, 2016, will be incorporated into the SOM. Reference Figure 1 for the KRR construction map. In addition, the HRP Schedule will also be incorporated into the SOM, which will change the Lakes Kissimmee, Hatchineha and Cypress regulation schedule in the Water Control Plan (WCP), Chapter 7 of the SOM.

Figure 1



### 3. POLICY AND LEGAL COMPLIANCE REVIEW

Guidance for policy and legal compliance reviews of water control systems is contained in ER 1110-2-240, Water Control Management, and ER 1110-2-8156, Preparation of Water Control Manuals. The SAJ Policy and Legal Compliance Review culminate in determinations that the document being prepared and any supporting analyses and coordination comply with law and policy, and warrant approval or further recommendation to higher authority by the home MSC.

### 4. RISK-INFORMED DECISION ON TYPE OF DOCUMENT AND APPROPRIATE LEVEL OF REVIEW

The EC 1165-2-214 for review policy directs the Project Delivery Team to make a risk-informed decision to determine if the documents are decision documents, implementation documents or other work products, and to determine the appropriate level of review for those documents. DQC is required for all products. The appropriateness of ATR and IEPR are based on the risk-informed decision process as presented in this section.

The SOM for the Kissimmee River – Lake Istokpoga Basin is identified as an “other work product” as defined in EC 1165-2-214. The basis for this identification is that the SOM for the Kissimmee River – Lake Istokpoga Basin is neither a decision document nor an implementation document under EC1165-2-214. In addition, the SOM for the Kissimmee River – Lake Istokpoga Basin preparation will result in compliance with Section 385.28(b)(2) of the Programmatic Regulations and will incorporate the Kissimmee River changes resulting from the Kissimmee River Restoration Project construction.

- a. **District Quality Control (DQC).** DQC and quality assurance activities for other work products are stipulated in ER 1110-1-2, Engineering & Design Quality Management. The Jacksonville District’s Water Management Section will complete the SOM for the Kissimmee River – Lake Istokpoga Basin, initiate DQC, and incorporate DQC comments, as appropriate. Prior to initiation of the DQC, an iterative review/comment process with the SFWMD, the non-federal sponsor will be completed. Upon completion of the DQC activities, SFWMD will be kept apprised of any significant edits to the SOM resulting from the DQC.
- b. **Agency Technical Review (ATR).** Based on the answers to the following questions from the risk informed decision process (Section 15b of EC 1165-2-214) and the Policy Guidance Letter (Reference 3) an ATR of the replacement of the MWCM with a SOM for the Kissimmee River – Lake Istokpoga is required.
  - (1) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin include any design (structural, mechanical, hydraulic, etc.)? **No.** This is a SOM to replace the MWCM that acts as an operational pan and does not include any design changes to the project.

- (2) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin evaluate alternatives? **No.** This is an operating manual for the operation of completed structures within the KRR Project.
- (3) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin include a recommendation? **No.** Alternatives were analyzed In The Final Integrated Feasibility Report and EIS for the Environmental Restoration of the Kissimmee River, Florida (December 1991) and the 1996 Final EIS for the HRP.
- (4) Does the Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin have a formal cost estimate? **No.** The replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin does not include a formal cost estimate.
- (5) Does the SOM for the Kissimmee River – Lake Istokpoga Basin require a NEPA document? **Yes.** Although, the change to Lakes Kissimmee, Hatchineha, and Cypress is consistent with the April 1996 Final Environmental Impact Statement, consultation for the Snail Kite will need to be re-initiated for the full implementation of Headwaters. The MFR for the administrative update to the 1994 MWCM will summarize previously completed NEPA documents as well as support the changes to the SOM WCP, which will include water management operating criteria since 1994 that is to be incorporated into Chapter 7. The MFR will be transmitted to SAD indicating that any additional NEPA documentation is not required.
- (6) Does the SOM for the Kissimmee River – Lake Istokpoga Basin impact a structure or feature of a structure whose performance involves potential life safety risks? **No.** The updates to the SOM are within structure limitations established in 1994 MWCM and in the Updated WCP for S-67, S-67X, S-68X, S83X, S-84X, S-65DX1, S-65DX2, and S-65EX1(September 2016) .
- (7) What are the consequences of non-performance? The result of non-performance would be minimal. If the SOM didn't replace the MWCM, SFWMD would continue to operate the KRR Project under the approved Updated WCP for S-67, S-67X, S-68X, S-83X, S-84X, S-65DX1 ,S-65DX2f, and S-65EX1. HRP would not be implemented.
- (8) Does it support a significant investment of public monies? **No.** There is no significant investment of public monies in the replacement of the 1994 MWCM with a SOM. However, there was significant investment of public monies associated with the construction of the KRR features.
- (9) Does the replacement of the August 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin support a budget request? **No.** However, the operating criteria in the SOM will allow the HRP to operate as authorized.
- (10) Does the replacement of the 1994 MWCM to a SOM for the Kissimmee River – Lake Istokpoga Basin change the operation of the project? **Yes.** Lakes Kissimmee,

Hatchineha, and Cypress Regulation Schedule will change. The maximum elevation will increase from 52.5 feet, NGVD29 to 54.0 feet, NGVD29.

- (11) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin involve ground disturbances? **No.** There is no construction associated with this SOM nor will the operations of the system introduce any such disturbances.
- (12) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin affect any special features, such as cultural resources, historic properties, survey markers, etc., that should be protected or avoided? **No.** These special features were examined in the Final Integrated Feasibility Report and EIS for the Environmental Restoration of the Kissimmee River, Florida (December 1991) and in the HRP Integrated Project Modification Report and Supplement to the Final EIS (April 1996).
- (13) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin involve activities that trigger regulatory permitting such as Section 404 or stormwater/NPDES related actions? **No.** There will be no off-site discharges that warrant Section 404 or NPDES permit actions.
- (14) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin involve activities that could potentially generate hazardous wastes and/or disposal of materials such as lead-based paints or asbestos? **No.** There will be no hazardous wastes and/or disposal thereof generated by replacing the 1994 MWCM with a SOM.
- (15) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin reference use of or reliance on manufacturers' engineers and specifications for items such as prefabricated buildings, playground equipment, etc.? **No.** This work product is operational in nature, and is consistent with the 1991 Final Feasibility Study and EIS, as well as the Kissimmee River Headwaters Revitalization Integrated Project Modification Report and supplement to the final EIS.
- (16) Does the replacement of the 1994 MWCM with a SOM for the Kissimmee River – Lake Istokpoga Basin reference reliance on local authorities for inspection/certification of utility systems like wastewater, stormwater, electrical, etc.? **No.** This work product has no effect on any local utilities for inspection/certification of utility systems. All work that will be performed is confined to USACE and SFWMD personnel on existing facilities.
- (17) Is there or is there expected to be any controversy surrounding the Federal action associated with the work product? **No.** The draft WCP for S-67, S-67X, S-68X, S-83X, S-84X, S-65DX1, S-65DX2, and S-65EX1 has undergone a series of public meetings and public/agency review. All comments have been incorporated into the current documentation. The collective State/Federal agencies along with local interests support

the replacement of 1994 MWCM and are anticipating full implementation of KRR and HRP.

**b. ATR Disciplines.** As stipulated ER 1110-1-12, ATR members will be sought from the following sources: regional technical specialists (RTS); appointed subject matter experts (SME) from other districts; senior level experts from other districts; Center of Expertise staff; appointed SME or senior level experts from the responsible district; experts from other USACE commands; contractors; academic or other technical experts; or a combination of the above. The ATR Team will be comprised of the following disciplines; knowledge, skills and abilities; and experience levels.

**Water Management.** The team member should have 10 or more years of experience in water resources engineering with heavy emphasis on water management. Experience should include preparation and review of water management operating criteria for reservoir/impoundment projects, and knowledge of real-time water control activities based on approved water control plans and regulation schedules at multi-purpose water resource projects. The team member should also be familiar with the regulations concerning the format and content of water control plans and project operating manuals.

**Hydrology and Hydraulics.** One to three team members will be required to review the hydraulic design, hydrologic-hydraulic modeling, and wind/wave analyses. The team member(s) should be registered professionals with 10 or more years of experience in conducting and evaluating hydrologic and hydraulic analyses for flood risk management projects. Experience with flood routing methodologies in reservoirs and channels, seepage flow processes, hydrologic-hydraulic modeling, surface water-groundwater interaction modeling, wind/wave analysis, and performance of risk assessments is required. Knowledge on hydrologic and hydraulic analyses in terms of water quantity and quality in a water resources system is expected. Experience with the Dam Safety Program is desired.

**NEPA Compliance.** The team member should have 7 or more years of experience in NEPA compliance activities and preparation of Environmental Assessments and Environmental Impact Statements for complex civil/site work projects.

**ATR Team Leader.** The ATR Team Leader should have 10 or more years of experience with Civil Works Projects and have performed ATR Team Leader duties on complex civil works projects. The ATR Team Leader should have experience with the Dam Safety Program. ATR Team Leader can also serve as one of the review disciplines. Professional registration is as a requirement for the ATR leader.

## 5. INDEPENDENT EXTERNAL PEER REVIEW

**a. General.** EC 1165-2-214 provides implementation guidance for Sections 2034 and 2035 of the Water Resources Development Act (WRDA) of 2007 (Public Law (P.L.) 110-114). The EC addresses review procedures for both the Planning and the Design and Construction Phases (also referred to in USACE guidance as the Feasibility and the Pre-construction, Engineering and Design Phases).

**b. Type I Independent External Peer Review (IEPR) Determination (Section 2034).**

The results of the risk-informed decision indicated that the SOM for the Kissimmee River – Lake Istokpoga Basin is not mandatory and a Type I IEPR is not required.

In addition to the questions and answers in paragraph 4 of this Review Plan, the following items were considered in making a risk-informed decision concerning Type I IEPR;

- (1) The proposed change does not pose a significant threat to human life.
- (2) The cost of replacing the 1994 MWCM with a SOM does not exceed \$200M.
- (3) No request has been made by the state for an IEPR.
- (4) The proposed change has not resulted in significant public dispute over the size, nature or effects of the change or the economic or environmental efforts or benefits of the project.
- (5) Models used to evaluate alternative water control strategies have been in widespread use for many years and have been peer reviewed and certified for use. Analyses used to assess the impacts of the proposed change did not reflect use of novel methods or use of precedent setting methodologies.
- (6) Based on the vertical team discussions it has been agreed that the replacement of the 1994 MWCM to a SOM would not significantly benefit from an independent peer review.

Based on the questions and answers presented in paragraph 4 and the information presented above, the PDT concludes that the replacement of the 1994 MWCM to a SOM would not significantly benefit from an independent peer review and a Type I IEPR is **therefore not** recommended.

**c. Type II Independent External Peer Review (IEPR) Determination (Section 2035).** This project does not trigger WRDA 2007 Section 2035 factors for Safety Assurance Review (termed Type II IEPR in EC 1165-2-214) and therefore, a review under Section 2035 is not required. The factors in determining whether a review of design and construction activities of a project is necessary as stated under Section 2035 along with this Review Plan applicability statement follow.

- (1) The failure to replace the 1994 MWCM to a SOM would not pose a significant threat to human life. There would not be a significant threat to human life. SFWMD could continue to operate in accordance with the September 20, 2016 Updated WCP for S-67, S-67X, S-68X, S-83X, S-84X, S-65DX1, S-65DX2, and S-65EX1.

- (2) The project involves the use of innovative materials or techniques. The replacement of the 1994 MWCM to a SOM does not involve the use of innovative materials or techniques. This project will utilize methods and procedures used by the USACE on other similar works.
- (3) The project design contains redundancy. The replacement of the 1994 MWCM to a SOM does not involve redundancy. However, the operations contained in the SOM do allow redundancy. During Kissimmee River floods water that would have exited Lake Istokpoga through the Istokpoga Canal can be rerouted downstream C-41A by utilizing S-68, S-68X, S-83, S-83X, S-84, and/or S-84X. Also, water in Pool D can be conveyed downstream to Pool E through S-65D or S-65DX2. The operating agency has the flexibility to choose either structure or both (S-65D and S-65DX2). Water from Pool E will be conveyed downstream through S-65E or S-65EX1 to Lake Okeechobee. The operating agency has the flexibility to choose either or both S-65E and S-65EX1.
- (4) The project has a unique construction sequencing or a reduced or overlapping design construction schedule. The replacement of the 1994 MWCM o a SOM does not contain a unique construction sequencing or a reduced or overlapping design construction schedule.

Based on the discussion above, the District Chief of Engineering, as the Engineer-In-Responsible-Charge, does not recommend a Type II IEPR Safety assurance review of the SOM Volume 2 Kissimmee River – Lake Istokpoga Basin and the supporting NEPA documentation.

**6. MODEL CERTIFICATION AND APPROVAL**

This project does not use any engineering models that have not been approved for use by USACE. Modeling is not associated with the replacement of the MWCM to a SOM.

**7. BUDGET** Budget for ATR review \$20,000.

**7. PROJECT MILESTONES.**

Jan 2018	System Operating Manual (SOM) Review Plan Approved (CW035)
Apr – May 2018	PDT Reviews Draft SOM with Appendices
May 2018	DQC Interagency Review of Draft SOM
May 2018	Public Meeting
June 2018	DQC Certification
Jun-Jul 2018	ATR/SFWMD Review
Aug 2018	ATR Certification
Aug – Oct 2018	SAD Reviews Draft SOM
Jan 2019	SOM Approved

## 8. Public Participation.

A public meeting for replacing the 1994 MWCM to a SOM, WCP, Chapter 7 is scheduled in May 2018. The meeting will be coordinated with SFWMD, the non-federal sponsor.

## 9. Review plan approval and updates.

The South Atlantic Division Commander is responsible for approving this Review Plan. The Commander's approval reflects vertical team input (involving District, MSC, RMO, and HQUSACE members, as appropriate) as to the appropriate scope and level of review. Like the PMP, the Review Plan is a living document and may change as the work effort progresses. The Jacksonville District is responsible for keeping the Review Plan up to date. All significant changes to the Review Plan (such as changes to the scope and/or level of review) shall be re-approved by the MSC Commander following the process used for initially approving the plan. The latest version of the Review Plan, along with the Division Commander's approval memorandum, will be posted on the Jacksonville District's webpage.

## 10. POINTS OF CONTACT

Per guidance, the names of the following individuals **will not** be posted on the Internet with the Review Plan. Their titles and responsibilities are listed below.

Jacksonville District POCs:

Review Plan, ATR and QM Process: [REDACTED]  
[REDACTED]  
[REDACTED]

Project Information: [REDACTED]

Project Manager: [REDACTED]  
[REDACTED]  
[REDACTED]

South Atlantic Division [REDACTED]  
[REDACTED]  
[REDACTED]